

January 11, 1999

Dear Manufacturer:

VPCD-99-01 (LDV/LDT/SM/ICI)

Subject: Revision of Test Request Sheet

This letter transmits a revised EPA Test Request Sheet. Please submit this new form with all emission-data vehicles, running change vehicles, and fuel economy data vehicle packages.

With this revision we have incorporated testing criteria used for test vehicles for the 1999 model year and beyond. This format is basically the same as prior years with minor changes incorporating test changes that will be in use in the 2000 model year and beyond.

The top part of the form gives information about the test vehicle. There have been new additions to this part of the form which include Test Group, for CAP 2000 regulations and Single roll dynamometer use and its set and target coefficients. The next part of the form under Manufacturer Test Results is basically the same. We removed the Certification Short Test space on the form to allow space for the additional test requirements added to the manufacturer test procedures and the EPA review criteria portions of the form. Therefore, it will be necessary to add the Certification Short Test data by hand to the manufacturers test results portion of the form.

The lower half of the form shows the coast down data, the fuel economy test numbers and results, the manufacturers testing criteria, the manufacturers test procedures and the EPA review criteria. Under the coast down data is the section showing the test numbers and fuel economy results of testing at the manufacturers facility. Please note that the combined mpg may be left blank on light-duty truck testing. Also do not list the fuel economy or combined mpg if the fuel economy data will not be used for a fuel economy label or CAFE (e.g. some manufacturers are not using the fuel economy mpg values from phase II fuel tests).

In the Manufacturer Test Procedures section more information has been added. Please check off all that apply to the subject test vehicle. Also note that under the Arrival Date we have indicated when each confirmatory vehicle scheduled for testing must be at EPA, which is at 8am at least three working days prior to the scheduled test date and ready for testing. Manufacturer guidance letter VPCD-98-07 outlined this policy.

The instructions for filling out the form are on the reverse side of the form. We have alphabetized the instructions to help in locating the information.

If you would like a copy of the file where this form resides or have any question about this form, please make your request to your certification representative.

Sincerely,

(Original signed by: Eldert Bontekoe for:)

Jane Armstrong, Director  
Vehicle Programs and Compliance Division  
Office of mobile Sources

Enclosure

## Test Request

Manufacturer \_\_\_\_\_  
 Vehicle ID \_\_\_\_\_  
 Test Group \_\_\_\_\_  
 Engine Family \_\_\_\_\_  
 Evap Refueling \_\_\_\_\_  
 Family \_\_\_\_\_  
 Carline Name \_\_\_\_\_  
 Standards \_\_\_\_\_  
 Test Type \_\_\_\_\_  
 Vehicle Class \_\_\_\_\_

Model Year \_\_\_\_\_  
 Configuration \_\_\_\_\_  
 Engine Code \_\_\_\_\_  
 R/C# \_\_\_\_\_  
 Trans. Type \_\_\_\_\_  
 Mode \_\_\_\_\_, SIL \_\_\_\_\_  
 Fuel:  
 Indolene , Phase II   
 Other \_\_\_\_\_

N/V \_\_\_\_\_  
 ETW \_\_\_\_\_  
 Tires \_\_\_\_\_  
 A/C \_\_\_\_\_  
 (Twin roll) DPA: hp \_\_\_\_\_  
 (Single roll) DPA: Set Coefficients:  
 (Test vehicle)  
 a: \_\_\_\_\_ b: \_\_\_\_\_ c: \_\_\_\_\_  
 Target Coefficients:  
 (Coast down vehicle)  
 a: \_\_\_\_\_ b: \_\_\_\_\_ c: \_\_\_\_\_

	Manufacturer Test Results		Federal		California			
	<u>Cert</u> 50K	<u>Std</u> 50K	<u>Cert</u> U/L	<u>Std</u> U/L	<u>Cert</u> 50K	<u>Std</u> 50K	<u>Cert</u> U/L	<u>Std</u> U/L
NMHC	_____	_____	_____	_____	_____	_____	_____	_____
CO	_____	_____	_____	_____	_____	_____	_____	_____
NOx	_____	_____	_____	_____	_____	_____	_____	_____
2D Evap	_____	_____	_____	_____	_____	_____	_____	_____
Cold CO	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____	_____

### Coast Down Data

Actual CD Time = ( \_\_\_\_\_ ) x 100 = \_\_\_\_\_ %  
 Target CD Time ( \_\_\_\_\_ ) \_\_\_\_\_

City Test #	FE*	Hwy Test #	FE*
1. _____	_____	_____	_____
2. _____	_____	_____	_____

Combined MPG\* \_\_\_\_\_ (Pass. Cars Only)

\*Do not list FE, or combined mpg, if data will not be used for FE label or CAFE

### Manufacturer Testing Criteria

	Yes	No
Failure @ Manufacturers	<input type="checkbox"/>	<input type="checkbox"/>
Replacement for failed vehicle	<input type="checkbox"/>	<input type="checkbox"/>
New Engine (for this model year)	<input type="checkbox"/>	<input type="checkbox"/>
New Vehicle (for this model year)	<input type="checkbox"/>	<input type="checkbox"/>
New Emission control system (for this model year)	<input type="checkbox"/>	<input type="checkbox"/>

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Manufacturer Test Procedures

FTP <input type="checkbox"/>	Single Roll Dyno <input type="checkbox"/>	Precon. Can. 2D/3D <input type="checkbox"/>
HWY <input type="checkbox"/>	Twin Roll Dyno. <input type="checkbox"/>	Cold CO <input type="checkbox"/>
CST <input type="checkbox"/>	2-D Evap. <input type="checkbox"/>	SC03 <input type="checkbox"/>
	3-D Evap. <input type="checkbox"/>	SC03 (AC1) <input type="checkbox"/>
	US06 <input type="checkbox"/>	SC03 (AC2) <input type="checkbox"/>
	Other _____	

Arrival Date at EPA \_\_\_\_\_

(8am, 3 working days prior to the scheduled test)

Mfr. Signature \_\_\_\_\_

### EPA Review Criteria

	City Hwy	City Hwy	City Hwy
Random	<input type="checkbox"/>	<input type="checkbox"/>	New Veh. No Data <input type="checkbox"/>
Failed @ Mfr's	<input type="checkbox"/>	<input type="checkbox"/>	Potential Guzzler <input type="checkbox"/>
Defeat Device	<input type="checkbox"/>	<input type="checkbox"/>	High Cert Level <input type="checkbox"/>
Replace (failed veh.)	<input type="checkbox"/>	<input type="checkbox"/>	FE>FE Leader <input type="checkbox"/>
			High FE <input type="checkbox"/>
			Other <input type="checkbox"/>

### EPA Testing Decision

FTP <input type="checkbox"/>	EVAP (2D/3D) <input type="checkbox"/>	US06 <input type="checkbox"/>
HWY <input type="checkbox"/>	Precond. Can. (2D/3D) <input type="checkbox"/>	SC03 <input type="checkbox"/>
CST <input type="checkbox"/>	Cold CO <input type="checkbox"/>	SC03 (AC1) <input type="checkbox"/>
OBD <input type="checkbox"/>	Single roll Dynamometer <input type="checkbox"/>	SC03 (AC2) <input type="checkbox"/>
ORVR <input type="checkbox"/>	Other _____	

Test Waived  Test @ EPA  Test Date \_\_\_\_\_

Test @ MFR   
 EPA Signature \_\_\_\_\_ Date \_\_\_\_\_

# Test Request Instructions

## Arrival Date at EPA

Enter the date that the vehicle will arrive at EPA ready for testing. (ref. VPCD-98-07-3 working days prior to scheduled test date)

## Carline name

Enter the actual carline name, not the numerical code.

## Cert. 50K

Enter the 50,000 mile certification test levels (with DF applied).

## Cert. U/L

Enter the full useful life certification level (with DF applied).

## Coast Down Data

Enter the actual coast down time and target coast down time in the spaces provided and the calculated percentage to one decimal place.

## Configuration

Enter the configuration number from EPA's data base.

## Combined FE

Enter the harmonically averaged fuel economy for this city and highway test combination.

## Comments

Enter descriptions of new vehicles, running changes and any additional pertinent information. Indicate the current vehicle configuration when submitting multiple versions of the same vehicle that require hardware changes between tests. (e.g. tires, axle, computer chips, etc.) Fill out 2 separate Test Request forms if an enhanced evap test was performed. Place the 2-day evap results on the first TR with corresponding FTP and the 3-day evap and FTP on the second TR. Anytime this vehicle gets a preconditioned canister test (even when no enhanced evap test is performed) provide extra canisters if needed, canister

specifications (i.e. Canister volume, working capacity, loading rate, etc.) and evap purging and loading schematics.

## DPA: hp

Enter the twin roll dynamometer horsepower

## DPA: Set Coefficients (Test vehicle)

If a single roll dynamometer was used in testing, write in the values for each coefficient a, b and c.

## Target Coefficients: (Coast Down vehicle)

Write in the target coefficients of the coast down vehicle.

## Engine Code

Enter the engine code.

## Engine Family

Enter the engine family name.

## Emission values

Write in the certification levels and standards for all applicable emissions, using **other emissions** listed on this page.

## ETW

Enter the equivalent test weight.

## Evap. Refueling Family

Enter the evaporative refueling family name.

## Failure @ Mfr.

Did this vehicle fail during manufacturer testing?

## Fuel Economy;

**City Test # / Hwy. Test #**  
Enter the city and highway test numbers assigned by CFEIS for all testing.

## FE

Enter the city, highway and combined fuel economy mpg associated with the preceding city and highway test number; if it will be used for fuel economy labels or CAFÉ. List combined mpg for light-duty vehicles only (not light-duty trucks).

## Fuel

Indolene (EPA unleaded test fuel) Phase II

Enter the following in other:

Diesel CNG

M85 E85

M10 E10

ETC.

## Manufacturer

Enter the manufacturer name, not code.

## Manufacturer's test results Federal or California

Enter data under applicable sales area, Federal and / or California.

## MFR Signature

Signature of manufacturer representative who can be contacted if necessary.

## MFR Test Procedures

Mark all test procedures performed on this vehicle/version combination. If preconditioned canister is marked, see instructions under comments. If other is marked, write in the test procedure.

## Mode

Power  
Economy  
Other

## Model Year

Enter the represented model year of the test vehicle.

## New Engine/ Vehicle/ Emission control system

Is this a new vehicle for this model year? Or does it have a new engine or engine control system? Describe in comments.

## N/V

Enter the N/V (engine rpm divided by vehicle speed in the highest transmission gear)

## Other Emissions

NMOG  
THC

Evap. 2-day (HS+ Diurnal)

Evap. 3-day (HS+ Diurnal) running loss

Spitback

PM

OMHCE

OMNMHCE

Cert Short Test

Idle CO

Hwy Nox

Other

## R/C #

Enter the running change number if applicable.

## Replacement for failed vehicle?

Is this vehicle a replacement for a failed vehicle?

## SIL

Did the test use a shift indicator light? Yes or No.

## Standards

Tier 1  
TLEV  
LEV  
ULEV  
SULEV  
ILEV  
ZEV

## Std 50K

Enter the appropriate 50,000 mile certification standard.

## Std U/L

Enter the appropriate full Useful life certification standard.

## Test Group

Enter the test group (CAP 2000 only).

## Test Date

When the vehicle will be tested. The vehicle must be at EPA at least three working days prior to the test date; ref VPCD -98-07, May 5, 1998.

## Test @ MFR

This will be marked if the confirmatory test will be performed by the manufacturer.

## Test Type

EDV  
FEDV

## Tires

Enter the tire make and size.

## Trans. Type

Transmission type

A3 M3

A4 M4c

A5 M4

L3 M5c

L4 M5

L5 M6c

Other M6

## Vehicle Class

Two Seater

Mini

Sub Compact

Compact

Mid Size

Large

Small Wagon

Mid Wagon

Large Wagon

Small Pickup

Standard Pickup

Van

Special Purpose:

Mini van

Sport Utility Vehicle (SUV)

## Vehicle ID

Enter the vehicle identification number.

